

Environmental Management (EM) Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
January 2018

Waste Disposal and Transportation

- Update from previous months' reports – In July 2017, the EM Nevada Program received a Resource Conservation and Recovery Act (RCRA)-permit modification granted by the State of Nevada Division of Environmental Protection (NDEP) that allows for the construction of a new mixed low-level waste (MLLW) cell at the Nevada National Security Site (NNSS). Construction started mid-September 2017 and is scheduled to continue through February 2018. In December 2017, the leachate collection tank was installed, and gravel was placed on the cell floor to protect the liner. The replacement cell is projected to be operational by late winter or early spring 2018. (please see December 2016 – December 2017 NSSAB Monthly Reports for more information)
- Update from previous months' reports - In October 2017, NDEP issued a Notice of Alleged Violation to DOE (National Nuclear Security Administration [NNSA]) as a result of the NNSS accepting 93 containers of waste from a generator and disposing in accordance with LLW disposal practices. It was determined after the disposal, that the waste actually contained a hazardous component (chromium), which must be disposed in a RCRA-permitted disposal cell. DOE is developing a written response for corrective actions discussed at the meeting held in November 2017. (please see November – December 2017 NSSAB Monthly Reports for more information)
- Update from previous months' reports - Oak Ridge, TN generator (second generator): The facility evaluation resulted in one Finding. The generator submitted the final corrective action plan (CAP) that is currently being reviewed by the Radioactive Waste Acceptance Program (RWAP). (please see August - December 2017 NSSAB Monthly Reports for more information)
- Update from previous months' reports – West Valley, NY generator: The facility evaluation resulted in one Finding. The generator submitted the CAP that RWAP approved in December 2017. CAP closure is scheduled for February 2018. (please see November – December 2017 NSSAB Monthly Reports for more information)
- Update from previous month's report – Pantex, TX generator. The tabletop facility evaluation resulted in two Findings. The generator will have 30 days to respond after receiving the RWAP report. (please see December 2017 NSSAB Monthly Report for more information)
- In December 2017, RWAP conducted the following facility evaluation:
 - Oak Ridge, TN generator: This was a tabletop facility evaluation that resulted in no Findings.
- In January 2018, RWAP will conduct two facility evaluations.

- In January 2018, approximately 173,872 cubic feet of LLW, MLLW, and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat

Sampling at well UE-10j was conducted in December 2017 and will be completed in January 2018.

CAU 99, Rainier Mesa/Shoshone Mountain

Additional comments from NDEP on the Flow and Transport Model document were received in December 2017; comment response development will continue in January 2018. The formal External Peer Review (EPR) process will begin in January 2018 with a formal presentation to the EPR panel.

Post-Closure Monitoring

CAU 98, Frenchman Flat

Annual sampling will be conducted in January 2018.

Non-RCRA Post-Closure Monitoring Sites

The Non-RCRA Post-Closure Monitoring Sites include Corrective Action Sites (CASs) where post-closure inspections and maintenance are performed in accordance with closure requirements. Annual inspections were completed in December 2017; repairs and maintenance will be performed throughout fiscal year 2018.

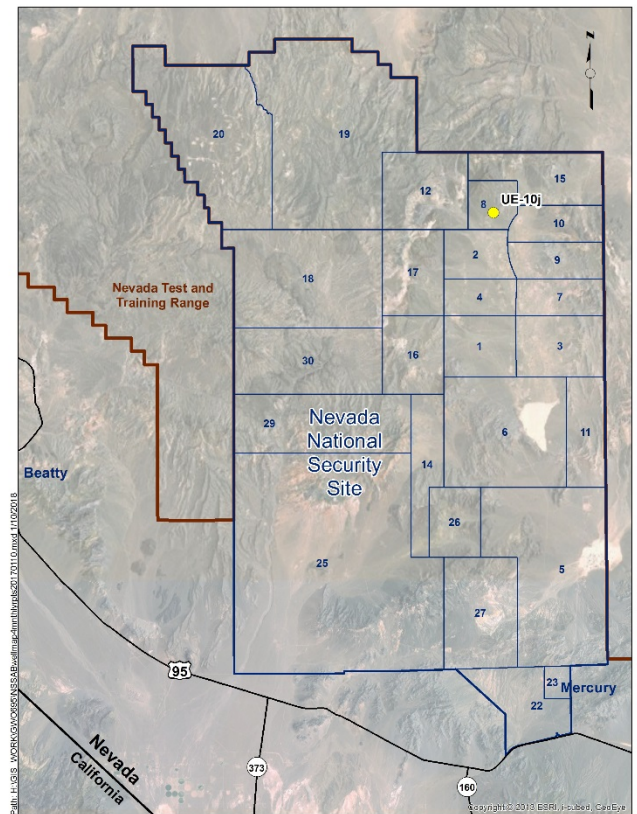
RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance are performed in accordance with the RCRA Permit and closure requirements. The quarterly and semi-annual inspections were conducted in December 2017; repairs and maintenance will be performed in January 2018.

Soils

CAU 413, Clean Slate II Plutonium Dispersion

CAU 413 comprises one CAS on the Nevada Test and Training Range. The Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) was approved by NDEP in June 2017. Field work continued in December 2017 and will continue in January 2018. Waste shipments began briefly in December 2017 and will likely resume in January 2018.



CAU 414, Clean Slate III Plutonium Dispersion

CAU 414 comprises one CAS on the Nevada Test and Training Range. The CADD/CAP was submitted to NDEP in November 2017, and a response is expected in January 2018.

CAU 575, Area 15 Miscellaneous Sites

CAU 575 comprises four CASs related to historical nuclear testing. In December 2017, development of the Closure Report (CR) continued and will continue in January 2018. The CR is due to NDEP in May 2018.

CAU 576, Miscellaneous Radiological Sites and Debris

CAU 576 comprises six CASs related to historical nuclear testing. Development of the CADD and corrective action alternatives and cultural resource documentation continued in December 2017 and will continue in January 2018.

External Affairs:

- Publications:
 - Ongoing social media campaign – 21 original posts on Facebook, 24 original tweets on Twitter, and five videos posted to YouTube
 - Published and distributed updated *Environmental Remediation Work at Tonopah Test Range* fact sheet
 - Published *External Peer Review Process Kicks Off for NNSS' Rainier Mesa and Shoshone Mountain Groundwater Characterization Activities* article via nnss.gov and EM News Flash (8,306 subscribers); *Nevada Program Contractor Earns 97 Percent of Available Fee for FY 2017* article and *EM's Nevada Program Launches 'Community Conversations'* photo caption via HQ EM Update Newsletter (more than 54,000 subscribers)
- Ongoing exhibits:
 - *Operation Clean Desert* – Nevada Public Reading Room in Las Vegas, Amargosa Valley Library, Goldfield Library, Central Nevada Museum in Tonopah, NV, and Pahrump Valley Museum in Pahrump, NV
 - EM kiosks – located at National Atomic Testing Museum Public Reading Room and UNLV Lied Library in Las Vegas, NV
- Events/Stakeholders Meetings:
 - Hosted Community Conversations in Tonopah, NV – December 12, 2017
- Outreach:
 - Provided 332 Operation Clean Desert activity books and four Operation Clean Desert teacher's guides to James Gibson Elementary School, Community Conversations and the Public Reading Room at the Frank Rogers Auditorium
- Planned activities for January 2018:
 - NSSAB to host a Community Analysis Committee meeting for work plan item #7 in Las Vegas, NV – January 8, 2018
 - Conduct Groundwater “Ant Farm” demonstration at Somerset Academy – January 11, 2018
 - Attend Connecting Hands: Offering Lifelong Learning Adventures (CHOLLA) education group meeting – January 17, 2018
 - EM Nevada representative to attend emergency preparedness round table discussion with NNSA and Nye County – January 17, 2018

- NSSAB to host a Full Board Meeting in Beatty, NV – January 17, 2018
- EM Nevada Program to conduct an intergovernmental meeting combined with a quarterly meeting with NDEP in Las Vegas, NV – January 29, 2018
- Host Low-level Waste Stakeholders Forum in Pahrump, NV – January 31, 2018